

Title (en)  
POLYVINYL ALCOHOL HAVING 1,2-GLYCOL BOND IN SIDE CHAIN AND PROCESS FOR PRODUCING THE SAME

Title (de)  
POLYVINYALKOHOL MIT 1,2-GLYKOLBINDUNG IN DER SEITENKETTE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
ALCOOL POLYVINYLE PRÉSENTANT UNE LIAISON 1,2-GLYCOLE DANS UNE CHAÎNE LATÉRALE ET SON PROCESSUS DE PRODUCTION

Publication  
**EP 1780227 A4 20080430 (EN)**

Application  
**EP 04771795 A 20040818**

Priority  
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Abstract (en)  
[origin: EP1780227A1] The present invention provides a polyvinyl alcohol having a 1,2-glycol bond in a side chain, which has the features that there is no generation of dimethyl carbonate in the preparation thereof, no need of an eliminating process of dimethyl carbonate in the recovering process of waste liquid after hydrolysis. Also, even an introduction amount of 1,2-glycol bonds is increased, there is no deterioration of solubility in a hydrolyzing solution (methanol) of a copolymer (paste) before hydrolysis, further, water-insoluble is not lowered even in experiencing thermal history. Specifically, the present invention provides a polyvinyl alcohol having a 1,2-glycol bond in a side chain obtained by hydrolyzing a copolymer of a vinyl ester monomer and a compound shown in the formula (1).

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Citation (search report)  
• [X] JP 2002284818 A 20021003 - NIPPON SYNTHETIC CHEM IND  
• See references of WO 2006018870A1

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